

Abstract

The invention relates to a process for producing a molding, comprising a disk-like or plate-like basic body -5- having a large number of knob-like and/or web-like elevations -4-3- which merge into the basic body -5- with inclined side surfaces, by means of pressing and sintering powdery raw materials close to the final shape.

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According to the invention, the pressing is carried out in a two-stage pressing operation. In the first stage the boundary surfaces of the basic body -5- are pressed to at least the approximate final shape as far as the transition regions of the elevations -3-4- and, at the same time, the elevations -3-4- are pressed to an oversize. The projection  $h'$  of the elevations -3-4- from the basic body -5- is greater by 10% - 150% as compared with the projection  $h$  from the basic body -5- in the finally pressed state. Their side surfaces form an angle of inclination  $\alpha'$  in the range from 90° - 150° with the respectively adjacent boundary surface of the basic body -5-. In the second stage, the elevations -3-4- are pressed to at least approximately the final shape, the angle of inclination  $\alpha'$  being enlarged to a value  $\alpha$  which lies in the range from 95° - 170°.

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